

Fig. 1a

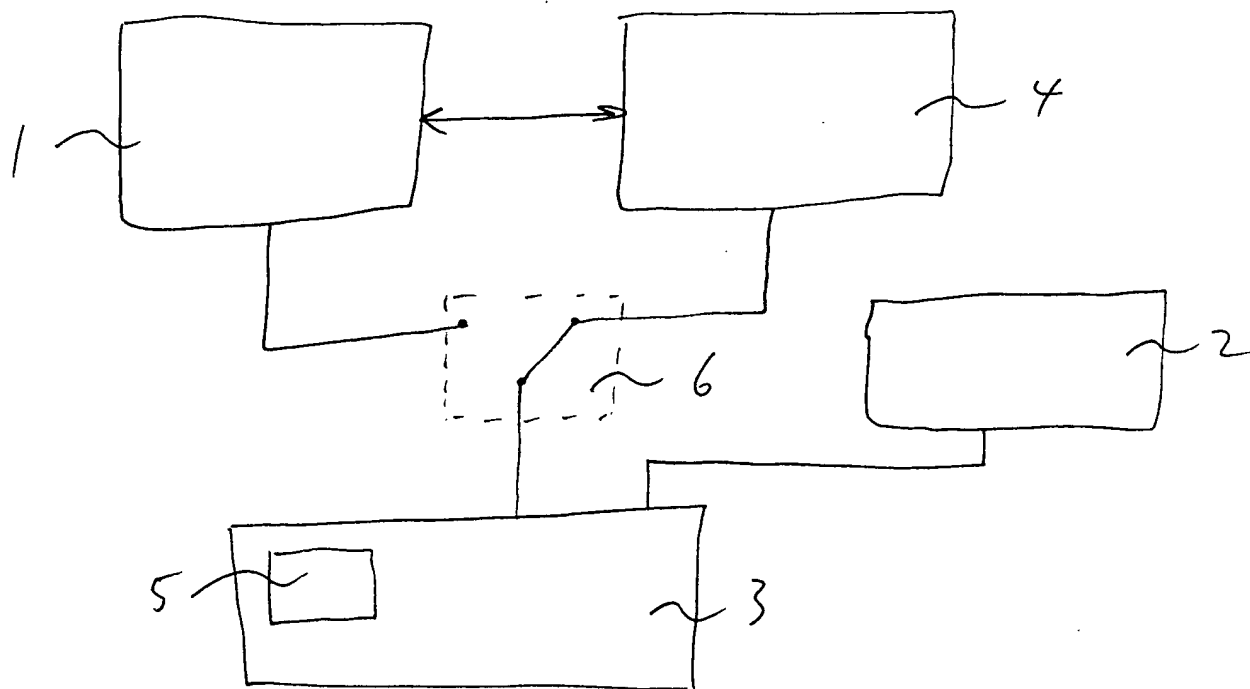


Fig. 1b

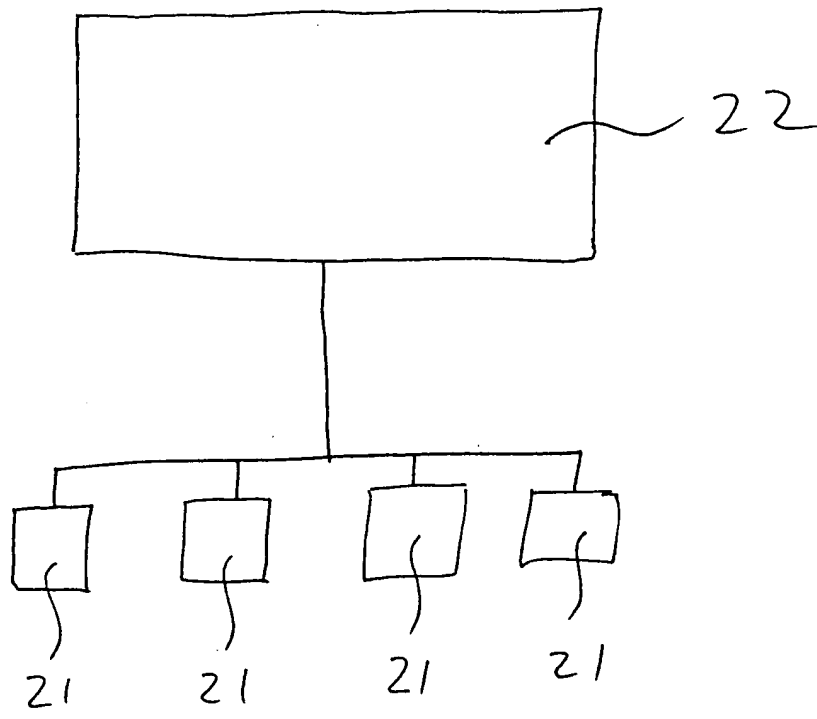


Fig. 2

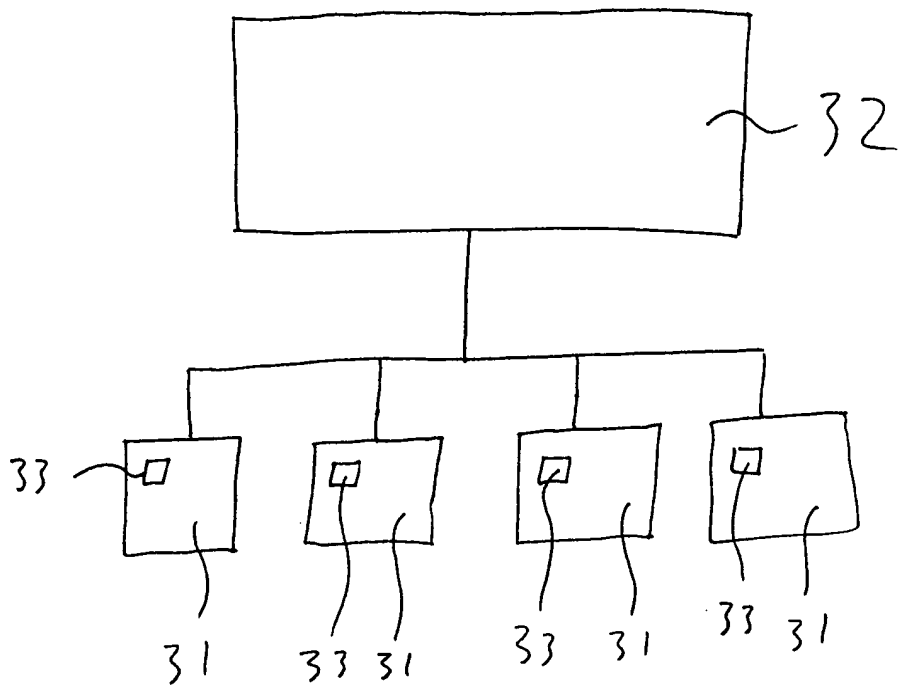


Fig. 3

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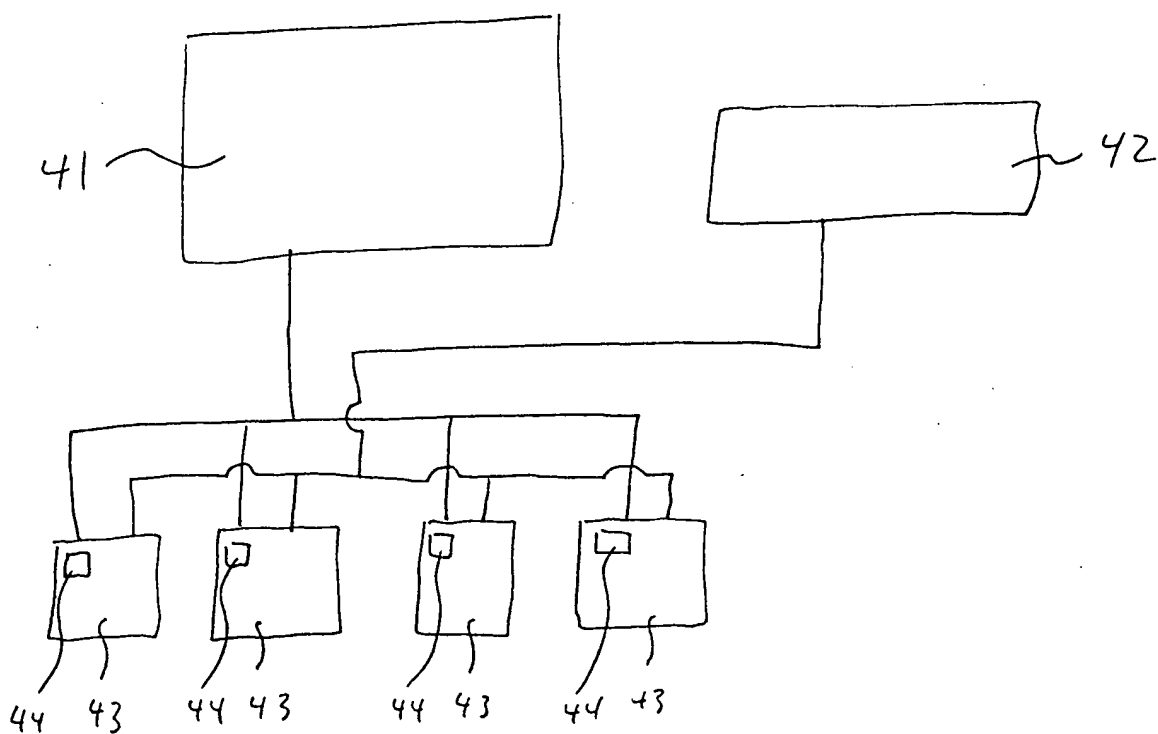


Fig. 4

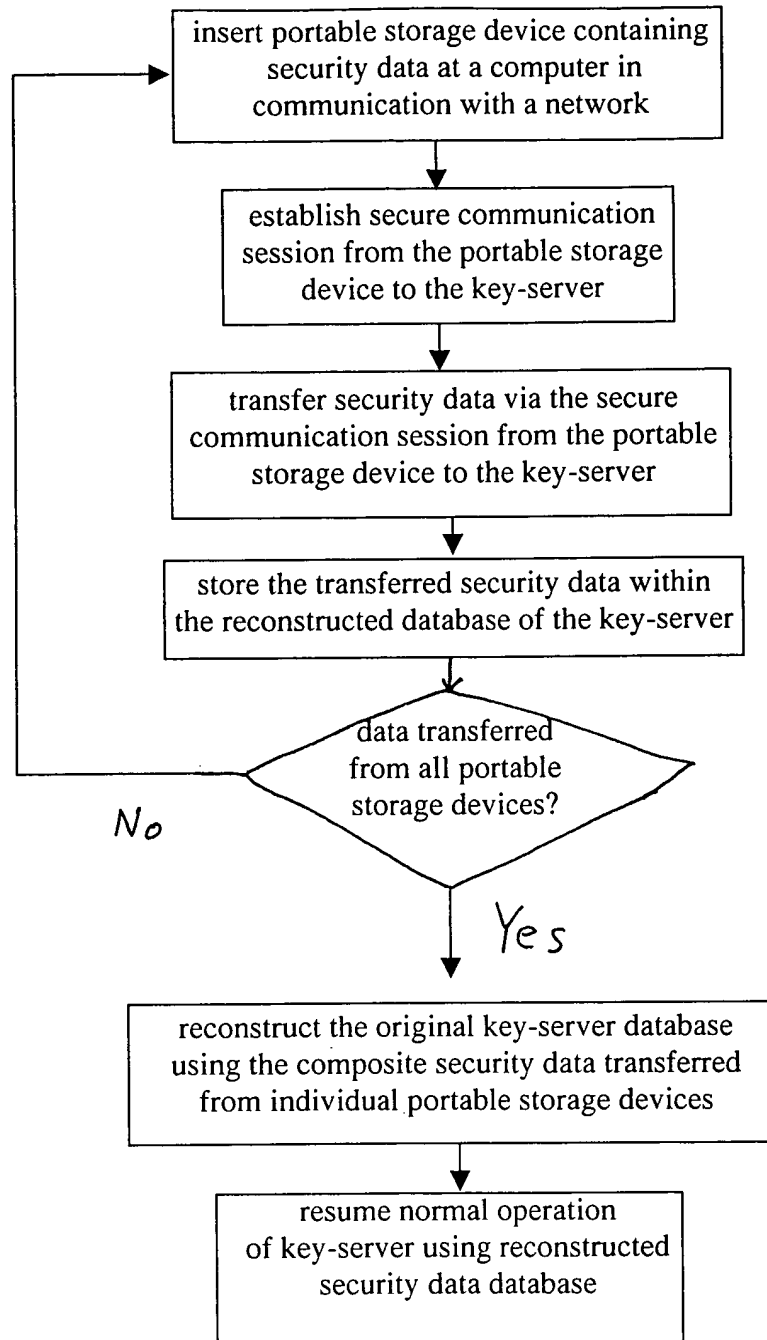


Fig. 5

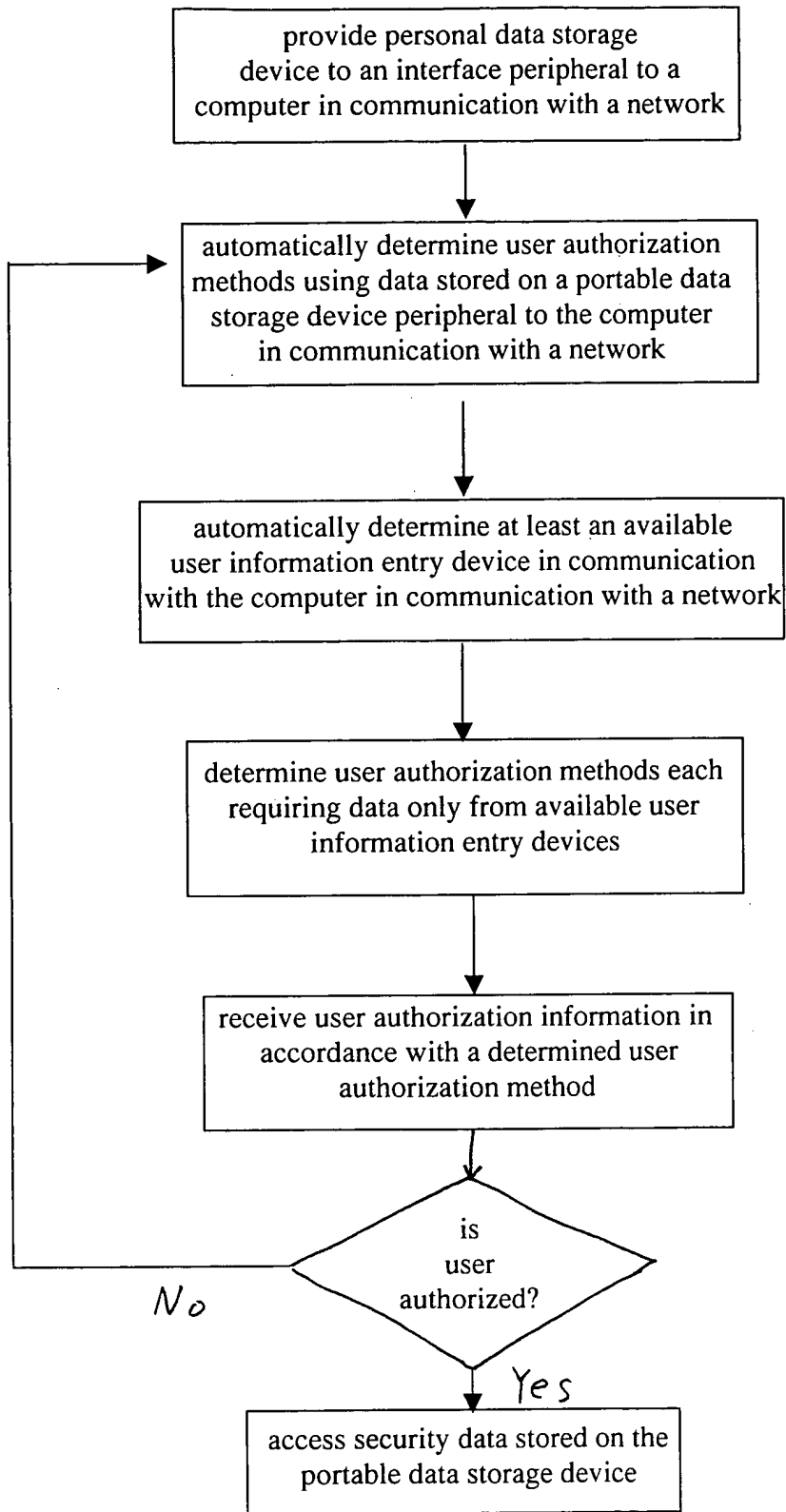


Fig. 6a

automatically determine user authorization methods using data stored on a key server in communication with a computer in communication with a network

automatically determine at least an available user information entry device in communication with the computer in communication with a network

determine user authorization methods each requiring data only from available user information entry devices

receive user authorization information in accordance with a determined user authorization method

is user authorized?

No

Yes

access key data stored on the key server

Fig. 6 b

**Insert blank portable data storage device  
in an interface peripheral to a computer  
in communication with a network**



establish secure communication session from the portable data storage device to the key server



transfer secure key data via the secure communication session from the key server to the portable data storage device



store the transferred secure key data within the memory means of the portable data storage device



<p>remove portable data storage device from the interface peripheral to a computer in communication with a network</p>
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resume normal operation using  
the portable storage device  
for authorization purposes

Fig. 7